INTERNATIONAL SEARCH REPORT

Intert nal Application No
PCT/IB2004/051851

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H03H9/56 H03H H03H3/02 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H03H Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1,2,5,6 US 5 260 675 A (OGAWA TATSUO ET AL) X 9 November 1993 (1993-11-09) 3,4 column 3, line 36 - line 40 figure 10 3,4 WO 01/97375 A (KONINKL PHILIPS ELECTRONICS Υ NV) 20 December 2001 (2001-12-20) 1,2,5,6 page 2, line 15 - line 28; figure 2 Α 1-6 US 6 448 695 B2 (MILSOM ROBERT F) 10 September 2002 (2002-09-10) the whole document Patent family members are listed in annex. Further documents are listed in the continuation of box C. *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to lnvolve an inventive step when the document is taken alone filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 14/12/2004 6 December 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Lecoutre, R

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